



NDI®

High Bandwidth NDI® PTZ Video Camera

NDI®



TLC-300-IP-20-FNDI

NDI® Live Streaming PTZ Video Camera

NDI®

20X

1080P60

POE

A high Cost-effective Entry-level Full NDI® PTZ Camera

TLC-300-IP-20-FNDI is integrated with Telycam's custom NDI® Silicon chip, with latest NDI® 5, to provide impressed high quality image at low bandwidth.

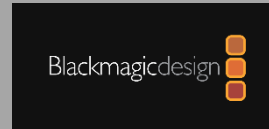
A single cable enables power, video, control and Tally.

1080p60, 20x Optical Zoom, NDI®, HDMI, 3G-SDI, USB(type C) Output, SRT, RTMP/RTMPS.

Multi-Language menu: English, Chinese, Russian, Korean, Spanish.



Work With:



Features & Benefits:



1080p60 FHD Resolution:

TLC-300-IP-20-FNDI is equipped with the most advanced image processing SoC and 1/2.8-inch 2.4MP image sensor, to achieve smooth, sharp and crystal-clear FHD 1080p60 images, even in low-light working environment.



NDI® 5 Integrated

High bandwidth NDI® transmits full HD video at a maximum of 125 Mbps, enabling high-quality, low-latency live video transmission. With high bandwidth NDI®, TLC-300-IP-20-FNDI performs high image quality and low latency for live video production.



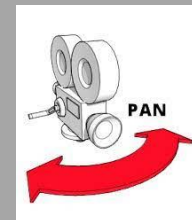
20x Optical Zoom

Shooting with 20X optical zoom & 4X electronic digital zoom and a 60° horizontal angle of view.



SRT supported.

SRT enables the delivery of high-quality and secure, low-latency video across the public Internet. SRT optimizes streaming performance across unpredictable networks with secure streams and easy firewall traversal, bringing the best quality live video over the worst networks.



Smooth and Quiet PTZ Movement.

Perform real-time pan, tilt, and zoom camera movements with motor-driven PTZ camera control and configurable preset positions.



RTMP

RTMP stands for Real-Time Messaging Protocol. This protocol facilitates the transmission of audio, video, and data in real-time. It is a key component of live streaming technology because of its ability to maintain low-latency connections. RTMP/RTMPS enables TLC-300-IP-20-FNDI to live-streaming to YouTube Live, Facebook live and other platform directly.

3G-SDI/HDMI/USB2.0 Available.

In addition to NDI®, 3G-SDI, HDMI and USB2.0 output image simultaneously as well.

3G-SDI and HDMI are for conventional video production workflow, and USB output can be used as a high-end webcam.



Features & Benefits:



Power over Ethernet

A single cable to realize power, video, control and Tally for the camera.



Program and Preview Tally

The indicator light can work as Tally when receive tally notification from the NDI® devices, to show the live is on or off.



High Quality Audio

Built in professional level audio in for both mic and line in input.



Intuitive WebUI for Preview and Control

With intuitive WebUI, you can preview the video and operate the control of the camera via it easily. It can be opened in different browsers directly without any plug-in. And the WebUI supports multiple languages.



Pain-Free Firmware Upgrade

Firmware is upgraded via WebUI with a single file, following the guideline by successive “click”, then it works.

Product Specification		
Video Format	Full NDI	1920*1080@3~60; 1280*720@3~60; 1024*576@3~60; 640*360@3~60（Low bandwidth Mode）
	HDMI	1920*1080P60/59.94/50/30/29.97/25; 1920*1080I60/59.94/50; 1280*720P60/59.94/50/30/29.97/25
	3G-SDI	1920*1080P60/59.94/50/30/29.97/25; 1920*1080I60/59.94/50; 1280*720P60/59.94/50/30/29.97/25
	USB2.0 (Type-C)	YUY2: 1280*720@15; 1024*576@20; 640*480@30 MJPG: 1920*1080@30; 1280*720@30; 1024*576@30; 640*480@30
Video Output Interface	HDMI, SDI, NDI, USB2.0(Type-C)	
Audio Input Interface	Dual 3.5mm linear inputs	
Sensor	1/2.8 inch, 2.4MP CMOS Sensor	
Zoom	20x optical zoom + 4 digital zoom	
Horizontal View Angel	60°(Far)-3.2°(Tele)	
Focal Length	F4.9～98mm	
Aperture	F1.5 – 3.0	
Pan/Tilt Rotation	Pan:±170°; Tilt: -30°~+90°	
Pan/Tilt Speed	Pan: 0.1°-120°/s; Tilt: 0.1°-80°/s	
Preset	10 for IR remote control, 128 for serial control, accuracy: 0.1°	
Control Interface	RS232、RS485、RJ45 (VISCA over IP)、USB2.0(UVC1.1)	
Network Port Rate	1000M	
Encode	H.264/H.265	
Rate Control	Variable rate, constant rate	
Video Bitrate	1024Kbps~16384Kbps	
Protocol	TCP/IP, HTTP, RTSP, DHCP, RTMP, ONNVIF, VISCA over IP(TCP&UDP), HTML5, VISCA, PELCO P/D, NDI	
POE+	Supported	
Daisy Chain	RS232 daisy chain control	
Minimum Illumination	0.1lux	
White Balance	Auto/Manual/Auto Track/One-Push/Outdoor/Indoor	
Exposure	Auto/Manual/Shutter Priority/Aperture Priority/Brightness Priority	
Focus Control	Auto/Manual	
Iris Control	Auto/Manual	
Shutter Control	Auto/Manual	
Gamma	Support	
WDR	Support	
Back Light Compensation	Support	
2D/3D Noise Reduction	Support	
Menu Language	English, Russian, Chinese, Korean, Spanish	
Anti-Flicker	OFF/50Hz/60Hz	
Up-Side Down	Support	
Input Voltage	DC12V/POE+(IEEE802.3at)	
Dimension	220mm×190mm×173mm	
Net Weight	1.35kg	
Accessory	Power supply adaptor, power supply cord, 3m Type-C cable, operation manual, guarantee card, certificate of conformity	

Application



House of Worship



Broadcast Studio



Live Event



E-sport

IO Connection



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